AUXILIARY TARGET FINDER FOR ARRIFLEX 16 and 35

The Target Finder is an optical device that is used on the Arriflex-16 and Arriflex-35 Cameras in conjunction with long focal length lenses. Its purpose is to quickly locate a moving subject such as a bird or airplane.

The Target Finder is attached and aligned (as shown in the photograph) by means of a mounting clamp and bar, alongside the Arriflex's eye-piece, and in line with the cameraman's left eye. The cameraman sees the Target Finder's reticle projected over a wide field in which the target is easily located. Once the instrument has been aligned, centering the target in the reticle of the Target Finder, automatically centers the object in the frame of the camera.

The Arriflex 16, because of its mirror reflex shutter, has always been a "natural" for long range tracking. This is further facilitated by the Target Finder.

The Target Finder itself has no framing as such and, therefore, may be used with all long focal length lenses. The camera view finder, as always, serves to define the field of view precisely.

Once the basic alignment has been made the Finder with its bar may be conveniently removed from the mounting clamp. It may then be readily replaced again without requiring readjustment. The mounting clamp remains permanently attached to the camera.

The Target Finder is available in five models for all Arriflex cameras as follows:

Catalog #9A206 — Target Finder complete with mounting clamp; for Arriflex 16 with Divisible Finder, Serial #7501 to 8900

Catalog #9A209 – Target Finder complete with mounting clamp; for Arriflex 16 with Divisible Finder, Serial #8901 and higher

Catalog #9A207 — Target Finder complete with split mounting clamp; for Arriflex 16 (old style) with non-divisible finder.

Catalog #9A211 — Target Finder complete with mounting clamp; for Arriflex 16M

Catalog #9A208 — Target Finder complete with split mounting clamp; for Arriflex 35, all models.

INSTRUCTIONS FOR MOUNTING

Arriflex 16 with Divisible Finder: Serial #7501 to 8900 (Use Target Finder, Catalog #9A206)
Arriflex 16 with Divisible Finder: Serial #8901 and higher (Use Target Finder, Catalog #9A209)
Arriflex 16M: (Use Target Finder, Catalog #9A211)

1. Remove the divisible eyepiece from the camera
2. Slip the Target Finder on the Arri finder as shown in the photo. Tighten clamping screw (A).
3. Put the divisible eyepiece back on the camera.

Arriflex 16 with Non-divisible Finder: (Use Target Finder, Catalog #9A207)

1. Remove the two screws which hold the split clamp together.
2. Reassemble the clamp in place on the tube of the camera finder. Secure with screws removed in step 1.
3. Position of the Target Finder should be comparable to the one in the photo.

Arriflex 35, all models: (Use Target Finder, Catalog #9A208)
Follow same instructions as listed for the Arriflex 16 with Non-divisible Finder.

1. Set Arri Camera with long focal length lens on a sturdy tripod and locate some distant object in the Arri finder.

2. Loosen setscrew (C) and thumbscrew (B) and adjust the interoculary distance so that both eyepieces are comfortable to your eyes.

3. Loosen thumbscrew (D) and look through both eyes. Line up the center dot in the Target Finder on the same distant object that the camera finder is set on. Now tighten both thumbscrews (B) and (D).

4. Check another distant object by locating it first in the Target Finder. The object should be immediately centered in the camera finder.

5. The locating collar can now be seated and the screw (C) tightened.

The Target Finder can be removed from the camera at any time by loosening thumbscrew (B) and when reinstalled it will still retain its original adjustment.

Individual eyeglass correction is also available for the Target Finder for people who wear glasses.

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